



OSMM&N File No. 220136US2

Dept.: E/M

By: GJM/SNS/NPS/vss

Serial No. 10/083,127

In the matter of the Application of: Pascal CHEVALIER, et al.

For: METHOD AND DEVICE FOR THE ESTIMATION OF A PROPAGATION
CHANNEL FROM ITS STATISTICS

Due Date: N/A

The following has been received in the U.S. Patent Office on the date stamped hereon:

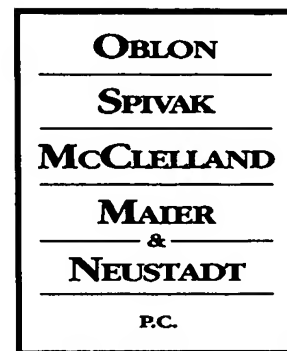
- Dep. Acct. Order Form
- Petition under 37 C.F.R. 1.181
- Cover Sheet
- Copy of PTO-1449 Form
- Copy of Date-Stamped Filing Receipt





Docket No.: 220136US2

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313



ATTORNEYS AT LAW

RE: Application Serial No.: 10/083,127
Applicants: Pascal CHEVALIER, et al.
Filing Date: February 27, 2002
For: METHOD AND DEVICE FOR THE ESTIMATION
OF A PROPAGATION CHANNEL FROM ITS
STATISTICS
Group Art Unit: 2682
Examiner: Tran, Tuan A.

SIR:

Attached hereto for filing are the following papers:

Petition under 37 C.F.R. §1.181
Copy of PTO-1449 Form
Copy of Filing Receipt

Our check in the amount of **\$0.00** is attached covering any required fees. In the event any variance exists between the amount enclosed and the Patent Office charges for filing the above-noted documents, including any fees required under 37 C.F.R. 1.136 for any necessary Extension of Time to make the filing of the attached documents timely, please charge or credit the difference to our Deposit Account No. 15-0030. Further, if these papers are not considered timely filed, then a petition is hereby made under 37 C.F.R. 1.136 for the necessary extension of time. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

Gregory J. Maier
Registration No. 25,599

COPY

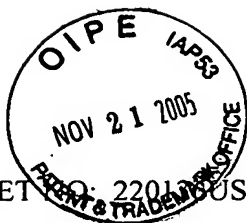
Customer Number

22850

(703) 413-3000 (phone)
(703) 413-2220 (fax)

Surinder Sachar
Registration No. 34,423

DOCKET NO. 220128 US2



IN THE UNITED STATES PATENT & TRADEMARK OFFICE

IN RE APPLICATION OF :
PASCAL CHEVALIER, ET AL. : EXAMINER: TRAN, TUAN A.
SERIAL NO: 10/083,127 :
FILED: FEBRUARY 27, 2002 : GROUP ART UNIT: 2682
FOR: METHOD AND DEVICE FOR THE :
ESTIMATION OF A PROPAGATION
CHANNEL FROM ITS STATISTICS

PETITION UNDER 37 C.F.R. §1.181

COMMISSIONER FOR PATENTS
ALEXANDRIA, VIRGINIA 22313

SIR:

In accordance with 37 C.F.R. §1.181, Applicants respectfully request the Examiner to acknowledge as considered reference AZ cited in the PTO-1449 form filed with the Information Disclosure Statement (IDS) on May 15, 2002. A copy of the PTO-1449 form is enclosed, along with a copy of the date-stamped filing receipt.

The May 15, 2002 IDS was filed before the Notice of Allowance dated September 2, 2005, in full compliance with the requirements set forth in 37 CFR §§ 1.97 and 1.98. Accordingly, it is respectfully requested that this petition be granted and the IDS be acknowledged.

OBLON, SPIVAK, McCLELLAND,
MAIER & NEUSTADT, P.C.

COPY

Customer Number

22850

Tel: (703) 413-3000
Fax: (703) 413 -2220
(OSMMN 06/04)

Gregory J. Maier
Attorney of Record
Registration No. 25,599

Surinder Sachar
Registration No. 34,423



COPY

OSMM&N File No. 220136US2

Dept.: PP

By: MJS/rm

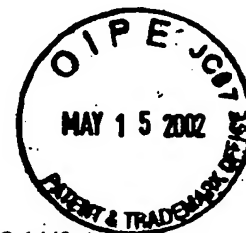
Serial No. 10/083,127

In the matter of the Application of: Pascal CHEVALIER, et al.

For: METHOD AND DEVICE FOR THE ESTIMATION OF A PROPAGATION CHANNEL FROM ITS STATISTICS

The following has been received in the U.S. Patent Office on the date stamped hereon:

- ☐ pp. Specification & Claims/Drawings Sheets
- ☐ Combined Declaration, Petition & Power of Attorney pages
- ☐ List of Inventor Names and Addresses
- ☐ Utility Patent Application ☐ CPA
- ☐ Notice of Priority ☐ Priority Doc
- ☐ Check for ☒ Dep. Acct. Order Form
- ☐ Fee Transmittal Form
- ☐ Assignment/PTO-1595 pages:
- ☐ Letter to Official Draftsman
- ☐ Letter Requesting Approval of Drawing Changes
- ☐ Drawings sheets ☐ Formal
- ☐ Letter
- ☐ Amendment
- ☒ Information Disclosure Statement ☒ PTO-1449
- ☒ Cited References (4)
- ☒ FRENCH Search Report (with English translation of category of cited documents)
- ☐ Statement of Relevancy
- ☐ English Abstracts, Concise Explanation, English Translation, Partial English Translation ()
- ☒ IDS/Related/List of Related Cases ☒ Cited Pending Applications (2)
- ☐ Restriction Response ☐ Election Response
- ☐ Rule 132 Declaration
- ☐ Petition for Extension of Time



Due date: 05/22/02

Form PTO 1449
(Modified)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY DOCKET NO.
220136US2SERIAL NO.
10/083,127

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Pascal CHEVALIER, et al.

FILING DATE

February 27, 2002

GROUP

2681

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						
	AL						
	AM						
	AN						

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO	
	AO					
	AP					
	AQ					
	AR					
	AS					
	AT					
	AU					
	AV					

OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	A. DESMÉZIÈRES, et al., Proceedings of 1999 2nd Workshop on Signal Processing Advances in Wireless, pgs. 395-398, XP-002178929, "POLARIZATION IN SPACE-TIME PROCESSING FOR PROPAGATION CHANNEL IDENTIFICATION", May 9-12, 1999
	AX	M. CHENU-TOURNIER, et al., Proceedings of the 2000 IEEE Sensor Array and Multichannel Signal Processing, pgs. 12-16, XP-002179594, "A PARAMETRIC SPATIO-TEMPORAL CHANNEL ESTIMATION TECHNIQUE FOR FDD UMTS UPLINK", March 16-17, 2000
	AY	H. GAZZAH, et al., 2000 IEEE International Conference on Acoustics, Speech, and Signal Processing, Vol. 5, pgs. 2717-2720, XP-002179595, "A BLIND IDENTIFICATION ALGORITHM ROBUST TO ORDER OVER ESTIMATION", June 5-9, 2000
	AZ	L. TONG, et al., Proceedings of the IEEE, Vol. 86, No. 10, pgs. 1951-1968, XP-000859736, "MULTICHANNEL BLIND IDENTIFICATION: FROM SUBSPACE TO MAXIMUM LIKELIHOOD METHODS", October 1998

Examiner

Date Considered

*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.